

# Converting Colors

Decimal(6533775)

Have a look what the booklet for  
Decimal(6533775) contains.

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# Color

**Decimal(6533775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63B28F
RGB	99, 178, 143
RGB Percent	39%, 70%, 56%
CMY	0.6118, 0.3020, 0.4392
CMYK	0.44, 0.00, 0.20, 0.30
HSL	153°, 34%, 54%
HSV	153°, 44%, 70%
XYZ	26.0239, 36.4766, 31.6557
YIQ	150.3890, -35.8490, -27.6330

# Conversions

## Conversions Part 2

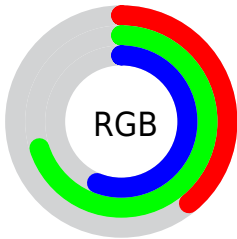
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 150, 178
Decimal	6533775
CIELab	66.88, -32.58, 10.41
CIELCh	67, 34.200, 162.283
Yxy	36.4766, 0.2764, 0.3874
Android (android.graphics.Color)	4284723855 (0xFF63B28F)
YUV	150.3890, -3.6428, -45.0682
Hunter-Lab	60.3959, -28.7791, 11.2010

# Details

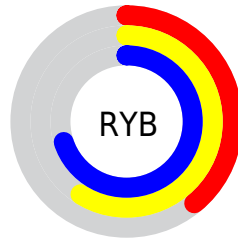
The Decimal color **6533775** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **11690886**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **10152645**, and **2915677** is the 20% darker color. If you saturate the color by 10%, you get **5354119**, and if you desaturate by 10%, it is **7713431**.

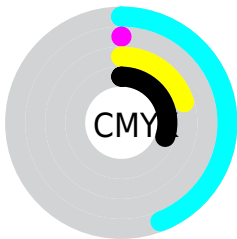
# Distribution



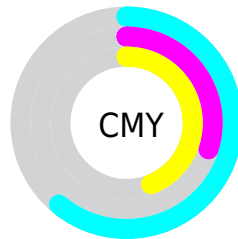
- Red (39%)
- Green (70%)
- Blue (56%)



- Red (39%)
- Yellow (59%)
- Blue (70%)



- Cyan (44%)
- Magenta (0%)
- Yellow (20%)
- Black (30%)



- Cyan (61%)
- Magenta (30%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6533775 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 6533775 by changing the saturation by 10% instead.





6533775



6533775

16777215



4757365



10152645



2915677



11927521



549701



13828093



19247



15728639



13082



8192



0



6533775



6533775



5354119



7713431

4174463

8893087

3060343

10007207

1880687

11186863

701032

12366518

45667

13546174

14725830

15839950

16757462

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9022836



6533775



4043695

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6533775



9216479



14324091

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6533775



11690886

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14650263



6533775



12031696

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6533775



5876701



13864374



13081448

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6533775



3060419



13864374



14585475

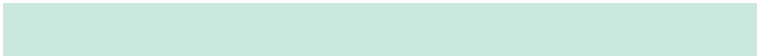


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6533775



13297883



8893027



6518125



16119285



7697781



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6533775



7202994



6532786



5265749



39253



6670



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11690886



15232420



11691875



5853268



10027076



1703947



# Previews

## White Background



This preview shows how the Decimal color 6533775 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6533775 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

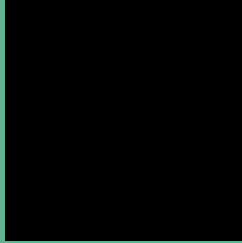
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6533775 Background



This preview shows how black text looks on a background with the Decimal color 6533775.



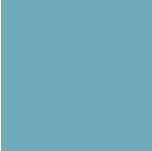
This preview shows how white text looks on a background with the Decimal color 6533775.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
7253178

# Trichromacy



**Original Color**  
6533775



**Protanomaly**  
9545610



**Deuteranomaly**  
10003602

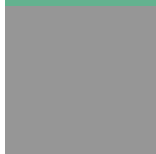


**Tritanomaly**  
6991530

# Monochromacy



**Original Color**  
6533775



**Achromatopsia**  
9868950



**Achromatomaly**  
8626323

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6533775 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #63B28F looks like.

```
.text, #text, p{  
  color:#63B28F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #63B28F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B28F
}
```

## Border

The CSS property to change the border of an element to Decimal 6533775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63B28F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#63B28F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #63B28F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B28F; -webkit-box-shadow:4px 4px  
4px 4px #63B28F; box-shadow:4px 4px 4px  
4px #63B28F }
```

# Background

The CSS property to change the background color of an element to Decimal 6533775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B28F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#63B28F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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